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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/518,813A

DATE: 08/07/2002
TIME: 12:47:12

#16

Input Set : A:\112408-122.ST25.txt
Output Set: N:\CRF3\08072002\I518813A.raw

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 4 <110> APPLICANT: CARR, Francis Joseph
 5        CARTER, Graham
 6        HAMILTON, Anita Anne
 7        ADAIR, Fiona Suzanne
 8        WILLIAMS, Stephen
10 <120> TITLE OF INVENTION: METHODS FOR PROTEIN SCREENING
12 <130> FILE REFERENCE: 112408-122
14 <140> CURRENT APPLICATION NUMBER: US 09/518,813A
15 <141> CURRENT FILING DATE: 2000-03-03
17 <150> PRIOR APPLICATION NUMBER: PCT/GB98/02649
18 <151> PRIOR FILING DATE: 1998-09-03
20 <150> PRIOR APPLICATION NUMBER: US 60/070,063
21 <151> PRIOR FILING DATE: 1997-12-30
23 <150> PRIOR APPLICATION NUMBER: US 60/070,062
24 <151> PRIOR FILING DATE: 1997-12-30
26 <150> PRIOR APPLICATION NUMBER: US 60/070,037
27 <151> PRIOR FILING DATE: 1997-12-30
29 <150> PRIOR APPLICATION NUMBER: US 60/070,050
30 <151> PRIOR FILING DATE: 1997-12-30
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33 <151> PRIOR FILING DATE: 1997-09-03
35 <150> PRIOR APPLICATION NUMBER: GB 9719834.5
36 <151> PRIOR FILING DATE: 1997-09-18
38 <150> PRIOR APPLICATION NUMBER: GB 9720184.2
39 <151> PRIOR FILING DATE: 1997-09-14
41 <150> PRIOR APPLICATION NUMBER: GB 9720522.3
42 <151> PRIOR FILING DATE: 1997-09-29
44 <150> PRIOR APPLICATION NUMBER: GB 9720523.1
45 <151> PRIOR FILING DATE: 1997-09-29
47 <150> PRIOR APPLICATION NUMBER: GB 9801255.2
48 <151> PRIOR FILING DATE: 1998-01-22
50 <150> PRIOR APPLICATION NUMBER: GB 9803828.4
51 <151> PRIOR FILING DATE: 1998-02-25
53 <150> PRIOR APPLICATION NUMBER: GB 9720524.9
54 <151> PRIOR FILING DATE: 1997-09-29
56 <150> PRIOR APPLICATION NUMBER: GB 9807760.5
57 <151> PRIOR FILING DATE: 1998-04-14
59 <150> PRIOR APPLICATION NUMBER: GB 9811130.5
60 <151> PRIOR FILING DATE: 1998-05-23
62 <150> PRIOR APPLICATION NUMBER: GB 970525.6
63 <151> PRIOR FILING DATE: 1997-09-29
65 <160> NUMBER OF SEQ ID NOS: 61
67 <170> SOFTWARE: PatentIn version 3.0
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Input Set : **A:\112408-122.ST25.txt**
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69 <210> SEQ ID NO: 1
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71 <212> TYPE: DNA
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74 <400> SEQUENCE: 1
75 gccgccacca tgg                                                   13
79 <210> SEQ ID NO: 2
80 <211> LENGTH: 66
81 <212> TYPE: DNA
82 <213> ORGANISM: linker sequence between HindIII and Eco RI sites
84 <400> SEQUENCE: 2
85 agcttggccc agccggccat ggcccaggtc caactgcagg agctcgagat caaacgggcg   60
87 gccgcg                                                          66
91 <210> SEQ ID NO: 3
92 <211> LENGTH: 66
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94 <213> ORGANISM: linker sequence between HindIII and Eco RI sites
96 <400> SEQUENCE: 3
97 aattcgcggc cgcccgtttg atctcgagct cctgcagttg gacctgggcc atggccggct   60
99 gggcca                                                          66
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104 <211> LENGTH: 14
105 <212> TYPE: PRT
106 <213> ORGANISM: amino acid linker sequence
108 <400> SEQUENCE: 4
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111 1               5                   10
114 <210> SEQ ID NO: 5
115 <211> LENGTH: 28
116 <212> TYPE: DNA
117 <213> ORGANISM: primer sequence
119 <400> SEQUENCE: 5
120 cagctgcagg agtctggggg aggcttag                                   28
124 <210> SEQ ID NO: 6
125 <211> LENGTH: 36
126 <212> TYPE: DNA
127 <213> ORGANISM: primer sequence
129 <400> SEQUENCE: 6
130 tcagtagacg gtgaccgagg ttccttgacc ccagta                          36
134 <210> SEQ ID NO: 7
135 <211> LENGTH: 26
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137 <213> ORGANISM: primer sequence
139 <400> SEQUENCE: 7
140 gtgacattga gctcacacag tctcct                                     26
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156 <212> TYPE: DNA
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167 <213> ORGANISM: synthetic oligonucleotide
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175 <211> LENGTH: 50
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177 <213> ORGANISM: synthetic oligonucleotide
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184 <210> SEQ ID NO: 12
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187 <213> ORGANISM: synthetic oligonucleotide
189 <400> SEQUENCE: 12
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194 <211> LENGTH: 61
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196 <213> ORGANISM: synthetic oligonucleotide
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201 g                                                                 61
204 <210> SEQ ID NO: 14
205 <211> LENGTH: 67
206 <212> TYPE: DNA
207 <213> ORGANISM: synthetic oligonucleotide
209 <400> SEQUENCE: 14
210 atatatatgt cgacgaaatt aatacgactc actataggga gaccacaacg gtttccctct  60
212 agaatac                                                           67
215 <210> SEQ ID NO: 15
216 <211> LENGTH: 50
217 <212> TYPE: DNA
218 <213> ORGANISM: synthetic oligonucleotide
220 <400> SEQUENCE: 15
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224 <210> SEQ ID NO: 16
225 <211> LENGTH: 33
226 <212> TYPE: DNA
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230 ccgtatagat ctcaggtcaa actgcaggag tct   33
233 <210> SEQ ID NO: 17
234 <211> LENGTH: 66
235 <212> TYPE: DNA
236 <213> ORGANISM: reverse primer sequence rdig1
238 <400> SEQUENCE: 17
239 ccgtatagat ctcaggtcaa actgcaggag tctccgtatg gatccccgtt ttatttccaa   60
241 ctttgt   66
244 <210> SEQ ID NO: 18
245 <211> LENGTH: 30
246 <212> TYPE: DNA
247 <213> ORGANISM: forward primer sequence fox1
249 <400> SEQUENCE: 18
250 ccgtatagag atgtcgtgat gacccaaact   30
253 <210> SEQ ID NO: 19
254 <211> LENGTH: 33
255 <212> TYPE: DNA
256 <213> ORGANISM: reverse primer sequence rox1
258 <400> SEQUENCE: 19
259 ccgtatggat cctgaggaga cggtgactga ggt   33
262 <210> SEQ ID NO: 20
263 <211> LENGTH: 33
264 <212> TYPE: DNA
265 <213> ORGANISM: primer sequence m13f1
267 <400> SEQUENCE: 20
268 ccgtatagat ctggctttaa tgaggatcca ttc   33
271 <210> SEQ ID NO: 21
272 <211> LENGTH: 33
273 <212> TYPE: DNA
274 <213> ORGANISM: primer sequence m13r1
276 <400> SEQUENCE: 21
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282 <212> TYPE: DNA
283 <213> ORGANISM: primer sequence m13f2
285 <400> SEQUENCE: 22
286 ccgtatgtcg acggctttaa tgaggatcca ttc   33
289 <210> SEQ ID NO: 23
290 <211> LENGTH: 33
291 <212> TYPE: DNA
292 <213> ORGANISM: primer sequence m13r2
294 <400> SEQUENCE: 23
295 ccgtattgat cactgtagcg cgttttcatc ggc   33
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299 <211> LENGTH: 90
300 <212> TYPE: DNA

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306 gtccactccc aggtcaaact gcaggagtct                                     90
309 <210> SEQ ID NO: 25
310 <211> LENGTH: 90
311 <212> TYPE: DNA
312 <213> ORGANISM: primer sequence fox2
314 <400> SEQUENCE: 25
315 ccgtatagat ctatgggatg gagctgtatc atcctcttct tggtagcaac agctacaggt    60
317 gtccactccg atgtcgtgat gacccaaact                                     90
320 <210> SEQ ID NO: 26
321 <211> LENGTH: 21
322 <212> TYPE: DNA
323 <213> ORGANISM: oligonucleotide TAR1
325 <400> SEQUENCE: 26
326 gatcagccag atttgagcag c                                              21
329 <210> SEQ ID NO: 27
330 <211> LENGTH: 21
331 <212> TYPE: DNA
332 <213> ORGANISM: oligonucleotide TAR2
334 <400> SEQUENCE: 27
335 gatcgctgct caaatctggc t                                              21
338 <210> SEQ ID NO: 28
339 <211> LENGTH: 33
340 <212> TYPE: DNA
341 <213> ORGANISM: primer sequence il5f1
343 <400> SEQUENCE: 28
344 ccgtatagat ctgaaattcc cactagtgca ttg                                 33
347 <210> SEQ ID NO: 29
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349 <212> TYPE: DNA
350 <213> ORGANISM: primer sequence il5r1
352 <400> SEQUENCE: 29
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355 ttctattatc ca                                                        72
358 <210> SEQ ID NO: 30
359 <211> LENGTH: 39
360 <212> TYPE: DNA
361 <213> ORGANISM: primer sequence il5f2
363 <400> SEQUENCE: 30
364 ccgtatagat ctaagcttga aattcccact agtgcattg                           39
367 <210> SEQ ID NO: 31
368 <211> LENGTH: 33
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372 <400> SEQUENCE: 31
373 ccgtatggat ccactttcta ttatccactc ggt                                 33
376 <210> SEQ ID NO: 32
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